6.0 ATB -Define It - Sector Layer

<table>
<tr>
<td><u>Previous Process</u>:
On-going process for duration of sector</td>
<td><u>Purpose/Definition</u>:
1.) To elicit, analyze and communicate customers needs and expectations. 2.)To derive a more detailed and precise set of requirements, and to manage those requirements throughout the sector life cycle.</td>
<td><u>Next Process</u>:
On-going process for duration of sector</td>
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<tr>
<td rowspan="2"><u>Performing Agent(s)</u>:
• Sector team with appropriate AT, AF, and union participation</td>
<td><u>Owner</u>: Sector Lead</td>
<td rowspan="2"><u>Customer(s)</u>:
• ATB team
• Product team</td>
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<td rowspan="2"><u>Sub-Processes</u>:
6.1. Refine requirements allocated sector
6.2. Determine sector shortfalls and gaps
6.3. Assess risk
6.4. Derive sector architecture structure and requirements
6.5. Determine sector evolution
6.6. Assess interdependencies
6.7. Investment Analysis
6.8. Rank order needs based on criteria
6.9. Capture & Baseline Requirements, Architecture and Evolution</td>
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<tr>
<td><u>Input(s)</u>:
External to sector
• Requirements allocated to sector
• Service priorities, ops cons, arch. & constraints
• Time-phase service architecture
Internal to sector
• Sector architecture & plans
• Sector needs & gaps</td>
<td><u>Output(s)</u>:
Internal to ATB
• Time-phased sector architecture, priorities, risks, etc.
• Impact feedback to Service
• Requirements allocated product
• Sector RTM
• Sector concept of operations

<u>Reviews, Audits & Controls</u>:
• Peer review, QA, risk management, product management</td>
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<tr>
<td><u>Entry Criteria</u>:
• Requirement allocated from service or improvement potential identified from within sector</td>
<td><u>Training/Handbooks/Policy</u>:
AMS, FAST
Needs, requirements, investment analysis, and other specialty domain training</td>
<td><u>Exit Criteria</u>:
• Decision to proceed</td>
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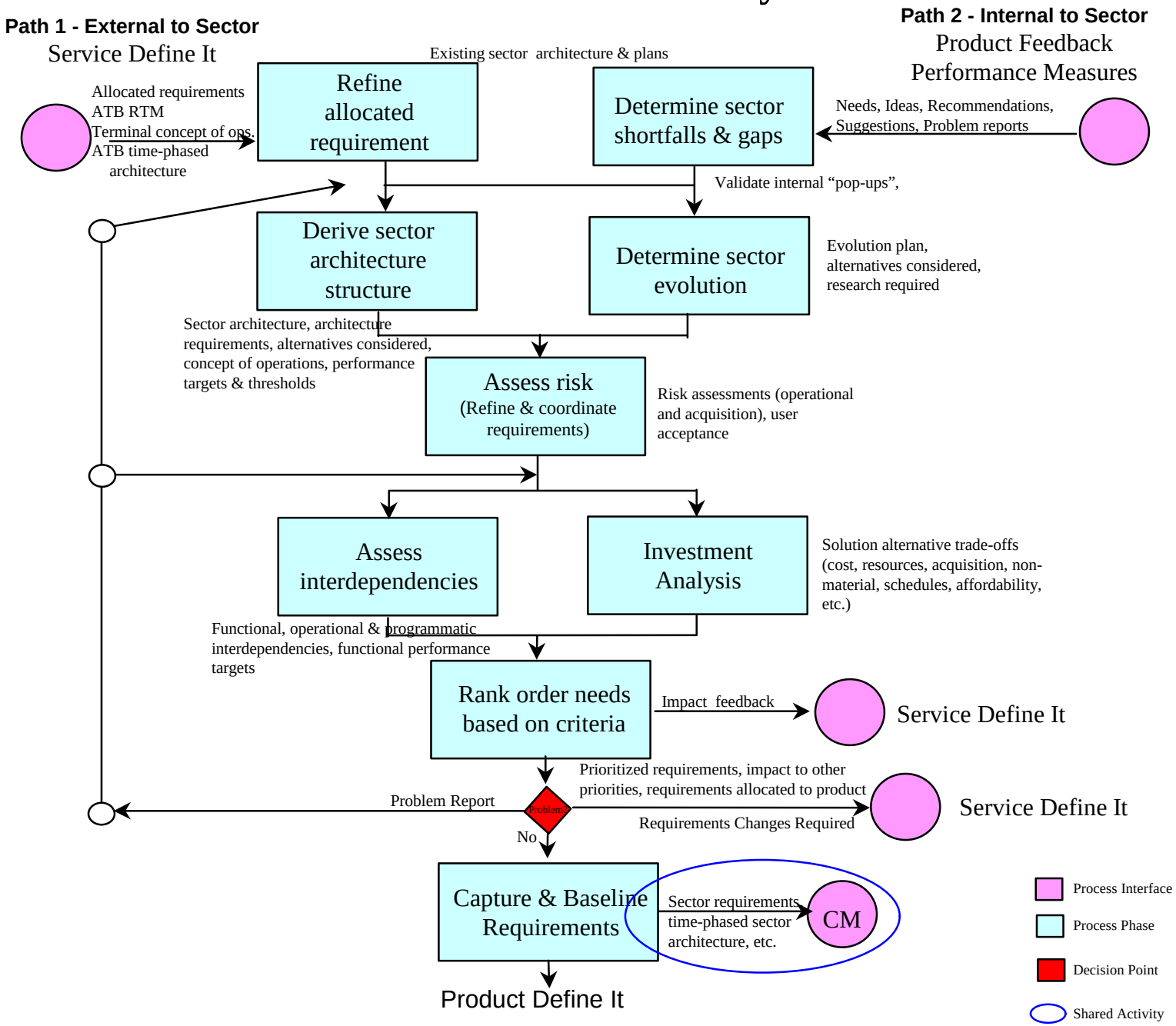


ATB -Define It - Product Layer

Previous Process:

On-going process for duration of terminal product

Purpose/Definition:

Ensure the product achieves its objectives by planning, scheduling, controlling, tracking, & negotiating the nature & scope of work required & by providing visibility into status & risks.

Next Process:

On-going process for duration of terminal product

Performing Agent(s):

- Product team with appropriate AT, AF, and union participation

Owner: ATB Automation Product Lead

Sub-Processes:

1. Refine allocated requirements
2. Gather requirement
3. Assess risk
4. Assess interdependencies
5. Estimate resource/schedule ROM
6. Rank order needs based on criteria

Customer(s):

- Sector Define It staff
- Product team

Input(s):

External to product line (path 1)

- Allocated requirements
- Sector RTM
- Sector concept of operations

Internal to product (path 2)

- Product needs/ideas/gaps/ recommendations/problem reports

Output(s):

Internal to ATB

- Impact feedback to Sector
- Final RD & IRDs
- RTM
- Detailed product concept of ops.
- Quantitative product performance targets & thresholds
- Functional performance budgets

Reviews, Audits & Controls:

- Peer review, QA, risk management, product management

Entry Criteria:

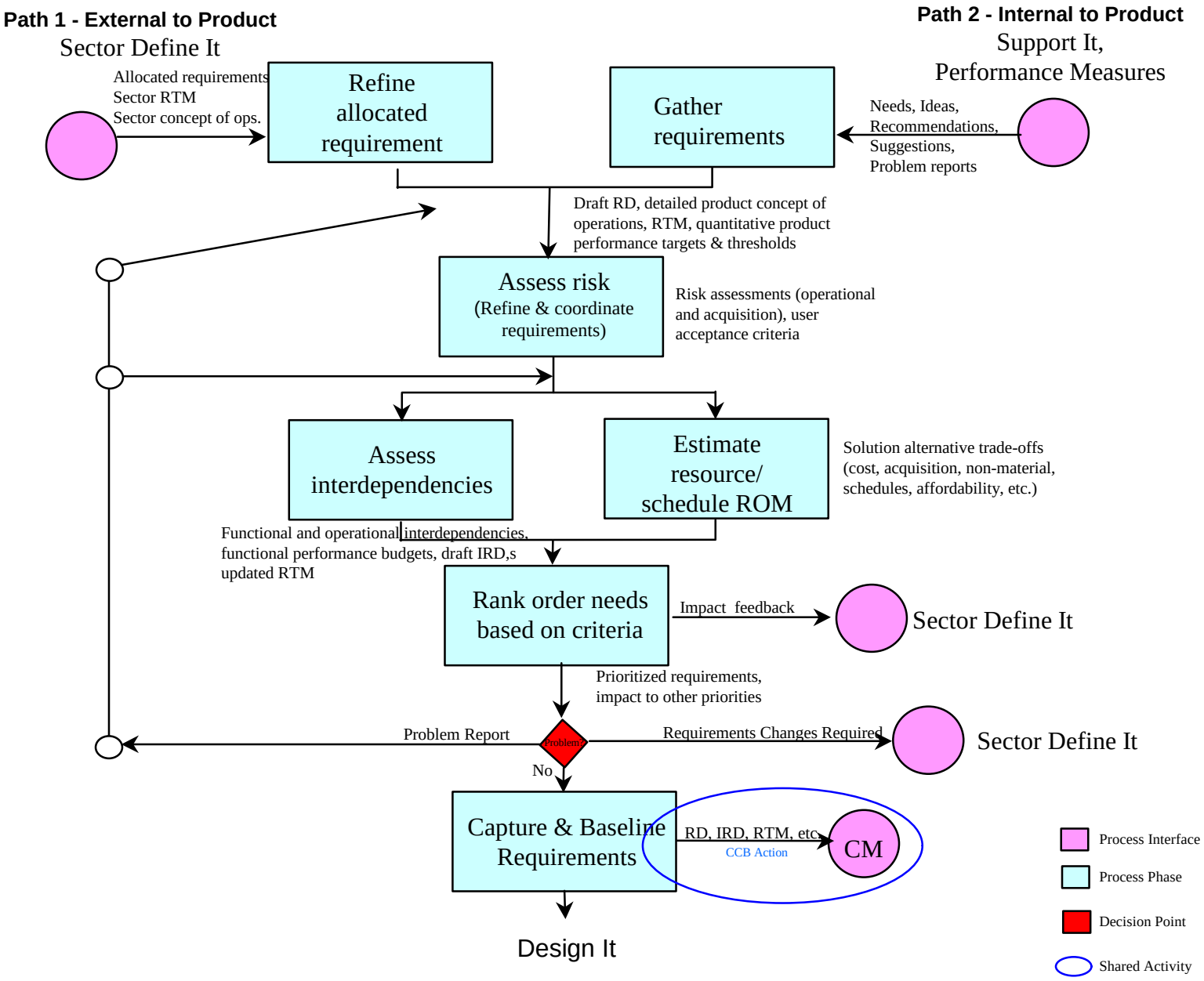
- Requirement allocated from sector or improvement potential identified from within product

Training/Handbooks/Policy:

AMS, FAST

Needs, requirements, investment analysis, and other specialty domain training

Exit Criteria:

- Decision to proceed

ATB - Define It - Product Layer